

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1700.0030002/JAG/SGWAPPLICATION NO.
09/449,631APPLICANT
RENNER *et al.*FILING DATE
November 30, 1999GROUP
1646U.S. PTO
09/550390

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MM ↓	AA1	5,071,651	12/10/1991	Sabara <i>et al.</i>	424	89	03/05/1990
	AB1	5,334,394	08/02/1994	Kossovsky <i>et al.</i>	424	494	01/04/1993
	AC1	5,374,426	12/20/1994	Sabara <i>et al.</i>	530	403	10/30/1989
	AD1	5,739,026	04/14/1998	Garoff <i>et al.</i>	435	240.2	08/13/1992
	AE1	5,770,380	06/23/1998	Hamilton <i>et al.</i>	435	7.1	09/13/1996
	AF1	5,766,602	06/16/1998	Xiong <i>et al.</i>	424	218.1	01/19/1995
	AG1	5,792,462	08/11/1998	Johnston <i>et al.</i>	424	199.1	05/23/1995
	AH1	5,814,482	09/29/1998	Dubensky, Jr. <i>et al.</i>	435	69.3	10/30/1996

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MM ↓	AI1	EP 0 259 149 A2	03/09/1988	Europe			Yes No
	AJ1	EP 0 425 082 A1	05/02/1991	Europe			Yes No
	AK1	WO 92/11291 A1	07/09/1992	WIPO			Yes No
	Author, Title, Date, Pertinent Pages, etc.)						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM ↓	AL	1	Baba, T. W., <i>et al.</i> , "Pathogenicity of Live, Attenuated SIV After Mucosal Infection of Neonatal Macaques," <i>Science</i> 267:1820-1825 (1995)
	AM	1	Bachmann, M. F., <i>et al.</i> , "Dendritic cells process exogenous viral proteins and virus-like particles for class I presentation to CD8+ cytotoxic T lymphocytes," <i>Eur. J. Immunol.</i> 26:2595-2600 (1996)
	AN	1	Bachmann, M. F. and Zinkernagel, R. M., "The influence of virus structure on antibody responses and virus serotype formation," <i>Immunol. Today</i> 17:553-558 (1996)
	AO	1	Bachmann, M. F. and Zinkernagel, R. M., "Neutralizing Antiviral B Cell Responses," <i>Annu. Rev. Immunol.</i> 15:235-270 (1997)
	AP	1	Borisova, G., <i>et al.</i> , "Hybrid Hepatitis B Virus Nucleocapsid Bearing an Immunodominant Region from Hepatitis B Virus Surface Antigen," <i>J. Virol.</i> 67:3696-3701 (1993)

EXAMINER

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1700.0030002/JAG/SGW

APPLICATION NO.
09/449,631

APPLICANT
RENNER *et al.*

FILING DATE
November 30, 1999

GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MM	AA2	5,871,747	02/16/1999	Gengoux-Sedlik <i>et al.</i>	424	208.1	04/28/1995
	AB2	5,789,245	08/04/1998	Dubensky, Jr. <i>et al.</i>	435	320.1	10/30/1996
	AC2	6,004,763	12/21/1999	Gengoux <i>et al.</i>	435	7.24	05/12/1998
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MM	AI2	WO 94/06472 A1	03/31/1994	WIPO <i>chs efu AA2</i>			Yes No
	AJ2	WO 94/15585 A1	07/21/1994	WIPO			Yes No
	AK2	WO 96/05293 A1	02/22/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	2	Cesareni, G., "Peptide display on filamentous phage capsids," <i>FEBS Lett.</i> 307:66-70 (1992)
	AM	2	Clark, H. F., <i>et al.</i> , "Comparative Characterization of a C-Type Virus-Producing Cell Line (VSW) and a Virus-Free Cell Line (VH2) from <i>Vipera russelli</i> ," <i>J. Natl. Cancer Inst.</i> 51:645-657 (1973)
	AN	2	Connor, R. I., <i>et al.</i> , "Immunological and Virological Analyses of Persons Infected by Human Immunodeficiency Virus Type 1 while Participating in Trials of Recombinant gp120 Subunit Vaccines," <i>J. Virol.</i> 72:1552-1576 (February 1998)
	AO	2	Cramer, R. and Suter, M., "Display of biologically active proteins on the surface of filamentous phages: a cDNA cloning system for selection of functional gene products linked to the genetic information responsible for their production," <i>Gene</i> 137:69-75 (1993)
	AP	2	Daniel, M. D., <i>et al.</i> , "Protective Effects of a Live Attenuated SIV Vaccine with a Deletion in the <i>nef</i> Gene," <i>Science</i> 258:1938-1941 (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
MM	A13	WO 96/30523 A2	10/03/1996	WIPO			Yes
							No
	AJ3	WO 98/15631 A1	04/16/1998	WIPO			Yes
							No
	AK3	WO 99/40934 A1	08/19/1999	WIPO			Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	3	Davis, N. L., <i>et al.</i> , "In Vitro Synthesis of Infectious Venezuelan Equine Encephalitis Virus RNA from a cDNA Clone: Analysis of a Viable Deletion Mutant," <i>Virology</i> 171:189-204 (1989)
	AM	3	de la Cruz, V. F., <i>et al.</i> , "Immunogenicity and Epitope Mapping of Foreign Sequences via Genetically Engineered Filamentous Phage," <i>J. Biol. Chem.</i> 263:4318-4322 (1988)
	AN	3	Donnelly, J. J., <i>et al.</i> , "DNA Vaccines," <i>Annu. Rev. Immunol.</i> 15:617-648 (1997)
	AO	3	Fehr, T., <i>et al.</i> , "Role of Repetitive Antigen Patterns for Induction of Antibodies Against Antibodies," <i>J. Exp. Med.</i> 185:1785-1792 (May 1997)
	AP	3	Förster, E., <i>et al.</i> , "Natural and recombinant enzymatically active or inactive bee venom phospholipase A ₂ has the same potency to release histamine from basophils in patients with Hymenoptera allergy," <i>J. Allergy Clin. Immunol.</i> 95:1229-1235 (1995)

EXAMINER

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1700.0030002/JAG/SGW		APPLICATION NO. 09/449,631	
				APPLICANT RENNER <i>et al.</i>			
				FILING DATE November 30, 1999		GROUP 1646	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
	AI						Yes
							No
	AJ						Yes
							No
	AK						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MM	AL	4	Fujiwara, K., <i>et al.</i> , "Novel Preparation Method of Immunogen for Hydrophobic Hapten, Enzyme Immunoassay for Daunomycin and Adriamycin," <i>J. Immunol. Meth.</i> 45:195-203 (1981)
↓	AM	4	Gilbert, S. C., <i>et al.</i> , "A protein particle vaccine containing multiple malaria epitomes," <i>Nature Biotechnol.</i> 15:1280-1284 (November 1997)
	AN	4	Greenstone, H. L., <i>et al.</i> , "Chimeric papillomavirus virus-like particles elicit antitumor immunity against the E7 oncoprotein in an HPV16 tumor model," <i>Proc. Natl. Acad. Sci. USA</i> 95:1800-1805 (February 1998)
	AO	4	Hahn, C. S., <i>et al.</i> , "Infectious Sindbis virus transient expression vectors for studying antigen processing and presentation," <i>Proc. Natl. Acad. Sci. USA</i> 89:2679-2683 (1992)
	AP	4	Harding, C. V. and Song, R., "Phagocytic Processing of Exogenous Particulate Antigens by Macrophages for Presentation by Class I MHC Molecules," <i>J. Immunol.</i> 153:4925-4933 (1994)

EXAMINER <i>Madley</i>	DATE CONSIDERED <i>2-21-02</i>
---	---

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5						
	AB5						
	AC5						
	AD5						
	AE5						
	AF5						
	AG5						
	AH5						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
	AI						Yes
							No
	AJ						Yes
							No
	AK						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

mm	AL	5	Hilleman, M. R., "Six decades of vaccine development—a personal history," <i>Nature Med. Vaccine Suppl.</i> 4:507-514 (May 1998)
	AM	5	Iannolo, G., <i>et al.</i> , "Construction, Exploitation and Evolution of a New Peptide Library Displayed at High Density by Fusion to the Major Coat Protein of Filamentous Phage," <i>Biol. Chem.</i> 378:517-521 (June 1997)
	AN	5	Iannolo, G., <i>et al.</i> , "Modifying Filamentous Phage Capsid: Limits in the Size of the Major Capsid Protein," <i>J. Mol. Biol.</i> 248:835-844 (1995)
	AO	5	Jiang, X., <i>et al.</i> , "Norwalk Virus Genome Cloning and Characterization," <i>Science</i> 250:1580-1583 (1990)
↓	AP	5	Kovacsovics-Bankowski, M., <i>et al.</i> , "Efficient major histocompatibility complex class I presentation of exogenous antigen upon phagocytosis by macrophage," <i>Proc. Natl. Acad. Sci. USA</i> 90:4942-4946 (1993)

EXAMINER

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6						
	AB6						
	AC6						
	AD6						
	AE6						
	AF6						
	AG6						
	AH6						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI6						Yes No
	AJ6						Yes No
	AK6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	6	Kratz, P. A., <i>et al.</i> , "Native display of complete foreign protein domains on the surface of hepatitis B virus capsids," <i>Proc. Natl. Acad. Sci. USA</i> 96:1915-1920 (March 1999)
	AM	6	Landschulz, W. H., <i>et al.</i> , "The Leucine Zipper: A Hypothetical Structure Common to a New Class of DNA Binding Proteins," <i>Science</i> 240:1759-1764 (1988)
	AN	6	Leake, C. J., <i>et al.</i> , "Cytopathic Effect and Plaque Formation by Arboviruses in a Continuous Cell Line (XTC-2) from the Toad <i>Xenopus laevis</i> ," <i>J. Gen. Virol.</i> 35:335-339 (1977)
	AO	6	Lee, K. H., <i>et al.</i> , "Two-Dimensional Electrophoresis of Proteins as a Tool in the Metabolic Engineering of Cell Cycle Regulation," <i>Biotech. and Bioeng.</i> 50:336-340 (1996)
↓	AP	6	Liljeström, P. and Garoff, H., "A New Generation of Animal Cell Expression Vectors Based on the Semliki Forest Virus Replicon," <i>Biotechnol.</i> 9:1356-1361 (1991)

EXAMINER

mole

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI						Yes No
	AJ						Yes No
	AK						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	Z	Liljeström, P., "Alphavirus expression systems," <i>Curr. Opin. Biotech.</i> 5:495-500 (1994)
	AM	Z	Lo-Man, R., <i>et al.</i> , "A recombinant virus-like particle system derived from parvovirus as an efficient antigen carrier to elicit a polarized Th1 immune response without adjuvant," <i>Eur. J. Immunol.</i> 28:1401-1407 (April 1998)
	AN	Z	López, O., <i>et al.</i> , "Direct formation of mixed micelles in the solubilization of phospholipid liposomes by Triton X-100," <i>FEBS Lett.</i> 426:314-318 (April 1998)
	AO	Z	Lundstrom, K., "Alphaviruses as expression vectors," <i>Curr. Opin. Biotech.</i> 8:578-582 (October 1997)
✓	AP	Z	Matsui, S. M., <i>et al.</i> , "The Isolation and Characterization of a Norwalk Virus-specific cDNA," <i>J. Clin. Invest.</i> 87:1456-1461 (1991)

EXAMINER

Molun

DATE CONSIDERED

12-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1700.0030002/JAG/SGWAPPLICATION NO.
09/449,631APPLICANT
RENNER *et al.*FILING DATE
November 30, 1999GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI						Yes No
	AJ						Yes No
	AK						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	<u>8</u>	Minenkova, O. O., <i>et al.</i> , "Design of specific immunogens using filamentous phage as the carrier," <i>Gene</i> 128:85-88 (1993)
	AM	<u>8</u>	Morein, B., <i>et al.</i> , "Iscom, a novel structure for antigenic presentation of membrane proteins from enveloped viruses," <i>Nature</i> 308:457-460 (1984)
	AN	<u>8</u>	Neurath, A. R., <i>et al.</i> , "Hepatitis B Virus Surface Antigen (HBsAg) As Carrier for Synthetic Peptides Having An Attached Hydrophobic Tail," <i>Mol. Immunol.</i> 26:53-62 (1989)
	AO	<u>8</u>	O'Shea, E. K., <i>et al.</i> , "Mechanism of Specificity in the Fos-Jun Oncoprotein Heterodimer," <i>Cell</i> 68:699-708 (1992)
	AP	<u>8</u>	Perham, R. N., <i>et al.</i> , "Engineering a peptide epitope display system on filamentous bacteriophage," <i>FEMS Microbiol. Rev.</i> 17:25-31 (1995)

EXAMINER

molly

DATE CONSIDERED

12-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI						Yes No
	AJ						Yes No
	AK						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	2	Pumpens, P. and Grens, E., "Hepatitis B core particles as a universal display model: a structure-function basis for development," <i>FEBS Lett.</i> 442:1-6 (January 1999)
	AM	2	Petrenko, V. A., <i>et al.</i> , "A library of organic landscapes on filamentous phage," <i>Protein Engin.</i> 9:797-801 (1996)
	AN	2	Raychaudhuri, S. and Rock, K. L., "Fully mobilizing host defense: Building better vaccines," <i>Nature Biotechnol.</i> 16:1025-1031 (November 1998)
	AO	2	Redfield, R. R., <i>et al.</i> , "Disseminated Vaccinia in a Military Recruit with Human Immunodeficiency Virus (HIV) Disease," <i>N. Eng. J. Med.</i> 316:673-676 (1987).
	AP	2	Renner, W. A., <i>et al.</i> , "Recombinant Cyclin E Expression Activates Proliferation and Obviates Surface Attachment of Chinese Hamster Ovary (CHO) Cells in Protein-Free Medium," <i>Biotech. Bioeng.</i> 47:476-482 (1995)

EXAMINER

Aspden

DATE CONSIDERED 2-21-82

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI						Yes No
	AJ						Yes No
	AK						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	<u>10</u>	Romagnani, S., "The Th1/Th2 paradigm," <i>Immunol. Today</i> 18:263-266 (June 1997)
	AM	<u>10</u>	Schlesinger, S., Alphaviruses - vectors for the expression of heterologous genes," <i>TIBTECH</i> 11:18-22 (1993)
	AN	<u>10</u>	Sedlik, C., <i>et al.</i> , "Recombinant parvovirus-like particles as an antigen carrier: A novel nonreplicative exogenous antigen to elicit protective antiviral cytotoxic T cells," <i>Proc. Natl. Acad. Sci. USA</i> 94:7503-7508 (July 1997)
	AO	<u>10</u>	Shen, L., <i>et al.</i> , "Recombinant Virus Vaccine-Induced SIV-Specific CD8+ Cytotoxic T Lymphocytes," <i>Science</i> 252:440-443 (1991)
↓	AP	<u>10</u>	Stollar, V., "The Togaviruses: Biology, Structure, Replication," Schlesinger, R. W. (ed.), Academic Press, New York, pp. 612-615 (1980)

EXAMINER

Mollen

DATE CONSIDERED

3-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes No
	AI						Yes No
	AJ						Yes No
	AK						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	11	Strauss, J. H. and Strauss, E. G., "The Alphaviruses: Gene Expression, Replication, and Evolution," <i>Microbiol. Rev.</i> 58:491-562 (1994)
	AM	11	Tanimori, H., <i>et al.</i> , "Enzyme Immunoassay of Neocarzinostatin Using β -Galactosidase as Label," <i>J. Pharm. Dyn.</i> 4:812-819 (1981)
	AN	11	Topchieva, I. and Karezin, K., "Self-Assembled Supramolecular, Micellar Structures Based on Non-ionic Surfactants and Cyclodextrins," <i>J. Colloid Interface Sci.</i> 213:29-35 (May 1999)
	AO	11	Townsend, A. and Bodmer, H., "Antigen Recognition by Class I-Restricted T Lymphocytes," <i>Ann. Rev. Immunol.</i> 7:601-624 (1989)
	AP	11	Twomey, T., <i>et al.</i> , "Structure and immunogenicity of experimental foot-and-mouth disease and poliomyelitis vaccines," <i>Vaccine</i> 13:1603-1610 (1995)

EXAMINER

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
	AI						
							Yes
							No
	AJ						
							Yes
							No
	AK						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

mm	AL	12	Ulrich, R., <i>et al.</i> , "Core Particles of Hepatitis B Virus as Carrier for Foreign Epitopes," <i>Adv. in Virus Res.</i> 50:141-182 (1998)
	AM	12	VanCott, T. C., <i>et al.</i> , "Antibodies with Specificity to Native gp120 and Neutralization Activity against Primary Human Immunodeficiency Virus Type 1 Isolates Elicited by Immunization with Oligomeric gp160," <i>J. Virol.</i> 71:4319-4330 (June 1997)
	AN	12	Warnes, A., <i>et al.</i> , "Expression of the measles virus nucleoprotein gene in <i>Escherichia coli</i> and assembly of nucleocapsid-like structures," <i>Gene</i> 160:173-178 (1995)
	AO	12	Watson, E., <i>et al.</i> , "Structure determination of the intact major sialylated oligosaccharide chains of recombinant human erythropoietin expressed in Chinese hamster ovary cells," <i>Glycobiology</i> 4:227-237 (1994)
✓	AP	12	Xiong, C., <i>et al.</i> , "Sindbis Virus: An Efficient, Broad Host Range Vector for Gene Expression in Animal Cells," <i>Science</i> 243:1188-1191 (1989)

EXAMINER

DATE CONSIDERED

2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 1700.0030002/JAG/SGW

APPLICATION NO.
 09/449,631

APPLICANT
 RENNER *et al.*

FILING DATE
 November 30, 1999

GROUP
 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
	AI						
							Yes
							No
	AJ						
							Yes
							No
	AK						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AL	13	Zang, M., <i>et al.</i> , "Production of Recombinant Proteins in Chinese Hamster Ovary Cells Using a Protein-Free Cell Culture Medium," <i>Biotechnology</i> 13:389-392 (1995)
L	AM	13	Invitrogen Manual, "Sindbis Expression System Version C," from internet web page http://www.invitrogen.com/manuals.html , Catalog No. K750-01 (1996).
	AN		
	AO		
	AP		

EXAMINER

DATE CONSIDERED

221-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.